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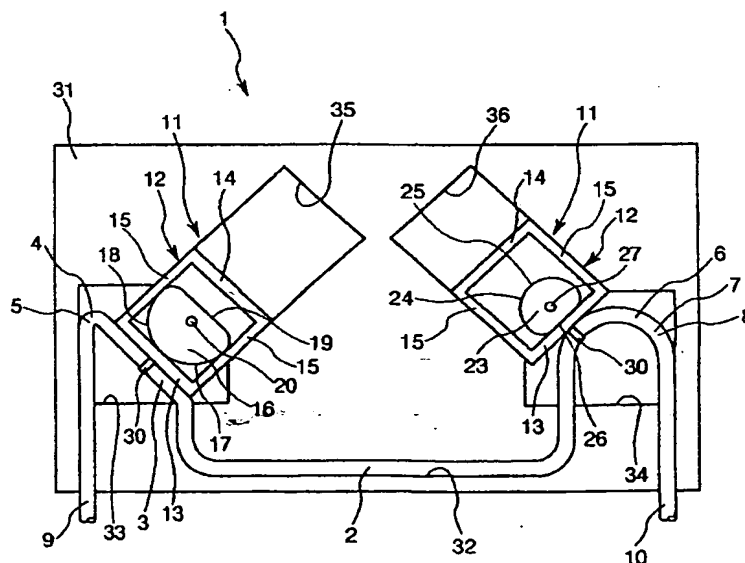
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(54) Title: A TUBE PUMMP



(57) Abstract: In a tube pump 1, two curved portions 3, 6 are respectively provided at both ends of a tube 2, and two opening/closing mechanisms 11 are provided at the portions corresponding to opening/closing portions 4, 7. The opening/closing mechanisms 11 includes cams 16, 23 protective frames 12 for converting the rotational motions into linear motions, and an actuator for rotatively driving the cams 16, 23. When the cams 16, 23 are rotatively driven with the operation of the actuator, the curved portions 3, 6 are pushed via the protective frames 12, and the flow path is closed and opened by folding the opening/closing portions 4, 7 and releasing the pushing state of the opening/closing portions 4, 7 to be restore to the original shape. By carrying out fold and unfold of the tube 2, it is possible to effectively transfer the fluid at a small amount of energy.

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